

INTERNATIONAL SEARCH REPORT

Inte
al Application No
PCT/03/05556

A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7 G11B17/04 H01L41/09 B65G27/24		
<p>According to International Patent Classification (IPC) or to both national classification and IPC</p> B. FIELDS SEARCHED <p>Minimum documentation searched (classification system followed by classification symbols)</p> <p>IPC 7 G11B H01L B65G G06K</p>		
<p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p>		
<p>Electronic data base consulted during the international search (name of data base and, where practical, search terms used)</p> <p>EPO-Internal</p>		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 273 510 A (PHILIPS PATENTVERWALTUNG ; PHILIPS NV (NL)) 6 July 1988 (1988-07-06) column 8, line 42 - line 46; figures 1-10 ---	1
A	EP 0 951 078 A (PHILIPS PATENTVERWALTUNG ; KONINKL PHILIPS ELECTRONICS NV (NL)) 20 October 1999 (1999-10-20) cited in the application abstract ---	1,2
A	US 6 157 607 A (NAKAMICHI NIRO) 5 December 2000 (2000-12-05) abstract; figures 1-15 ---	1
A	EP 0 313 072 A (HITACHI LTD) 26 April 1989 (1989-04-26) abstract ---	1
		-/-
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.
° Special categories of cited documents :		
A document defining the general state of the art which is not considered to be of particular relevance		
E earlier document but published on or after the international filing date		
L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		
O document referring to an oral disclosure, use, exhibition or other means		
P document published prior to the international filing date but later than the priority date claimed		
T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone		
Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.		
& document member of the same patent family		
Date of the actual completion of the International search		Date of mailing of the International search report
11 February 2004		17/02/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Sozzi, R

INTERNATIONAL SEARCH REPORT

International Application No
PCT/ [REDACTED] 3/05556

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 574 326 A (CHIBA ICHIRO ET AL) 12 November 1996 (1996-11-12) the whole document -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte PC1/	al Application No 3/05556
--------------	------------------------------

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0273510	A	06-07-1988	DE EP JP	3643779 A1 0273510 A2 1258260 A	07-07-1988 06-07-1988 16-10-1989
EP 0951078	A	20-10-1999	DE EP JP US	19817038 A1 0951078 A1 11332265 A 2001011860 A1	21-10-1999 20-10-1999 30-11-1999 09-08-2001
US 6157607	A	05-12-2000	JP	11259943 A	24-09-1999
EP 0313072	A	26-04-1989	JP JP JP JP DE DE EP US	1110446 A 1122375 A 2001758 C 7032610 B 3880781 D1 3880781 T2 0313072 A1 4997177 A	27-04-1989 15-05-1989 20-12-1995 10-04-1995 09-06-1993 21-10-1993 26-04-1989 05-03-1991
US 5574326	A	12-11-1996	JP JP	3107946 B2 6327270 A	13-11-2000 25-11-1994